

Figure 1

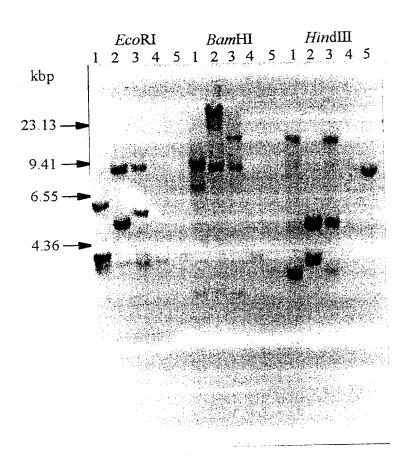


Figure 2

1 CAGCATTCCA AGAGGAAAAA AAACATGATC AAGAAGTAAT TACTACAAAA 51 GAGGAAGCTG TAGTAGTAAC TGCACCACCA CCATCAGAAA CAGCAGAGCC 101 AGCTGCAGCT GTTGTTGCCG AGGAAGAGAC AACAAAGGAG CAAGAAGAGC CGCCAGCAGT ATCGGCCGAG GAACCTGTGG CCCCAGCTGA AGTAGAGACA 201 AAGGTGGAAG TTACAGAAGA ACCACCAAAA GTTGAGGAGA AACCAGCAGA 251 AGTAGAGGAG GCTCCAAAGG AAACAGTAGA AACAGAACCA GCTGTTGAGA AGACCATCAA GGAGGAAACT GTAGAGGACT CTGTCGTGGC ACCTGCTCCC 301 351 GAACCGGAAG CCGAAGTCCC AAAAGAGAAG GTAATTGCTA CTACTGAAAC TACTGAGGAA GAAGAAAAG TGGCAGTTGA AGAAGTTGAA GTGAAAGTTG 401 451 AAACAGAGGA GGGAGAAGTT ACTGAGGAGA AGACTGAGTA AAATAAGTTG 501 TACAACTATT TTATGCACGC CTTATTTTCT CAATTGGAAG TTTATAATGT 551 AGTGGGCTTT TGGTAATATT TGGGGGTTTA ATAAGTGGTT TAAGTGGGTT 601 AAGGCTTTTT TGGAATTTAG ATATTTGGGT AAAGGCCTAC TTGAACAAAA 651 CATAGAAATT TGGCACACAT GGGTAAAAGT CAAACTTTGT TGAGGATGTT 701 TTCTTGTTGG TTAAATGTGT GTGCCAAGTA GTAGAATGTG GTGGTTGTAA TGTAAGTTCT CAAGTAGGGT TTATGAGTCC TAGTATTATG CTTGATTGTA 801 TGTTGATATG AAAATGGGGG TATGTTGGCT TTGAATAAAA GTTTTTAATT 851 TTATAAAAA AAAAAAAAA AAAAAAAAAA AA

Figure 3

- 1 AFQEEKKHDQ EVITTKEEAV VVTAPPPSET AEPAAAVVAE EETTKEQEEP
- 51 PAVSAEEPVA PAEVETKVEV TEEPPKVEEK PAEVEEAPKE TVETEPAVEK
- 101 TIKEETVEDS VVAPAPEPEA EVPKEKVIAT TETTEEEEKV AVEEVEVKVE
- 151 TEEGEVTEEK TE

Figure 4

1	AAACAACAAACTTTTCATCAATCTTCTTTCTTTAATCATC															60					
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61	ACTO	CGA	CTG	TGC	CGA	CAA	GAC	CAP	CTG	ccc	CAAA	GAA	GGG	AAA	CAG	CTA	.CGG	CTI	TGA	.CA	120
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121	TCAT	'TGA	GAC	CCA	GAA	GAG	CTA	.CGA	.TGA	.CGI	CGI	'GGT	GAT	'GGA	TGT	TCA	GGC	AGC	TGA	GA	180
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181	ATGA	TGG	CAA	GTG	CAA	GTG	CGG	ccc	GAG	CTG	CAG	TTG	TGT	GGG	CTG	CAG	CTG	TGG	TCA	ΓT	240
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241	AAGT'	TAA	ACAC	CAAC	CAT'	rat:	CAT	GTT.	ATA	GTG	AAT.	AAT	GAT	GTG'	TGT	GAT	JAA'	rat:	AGG'	rg	300
301	AAAA	ATC:	TGT	GT	GTG2	ATA	AAA	ACC	GTT	GGT	GAA'	TAA	ATA	GGT	GTA:	rat:	rtc	GTG:	rgcz	AC.	360
361	CTTC'	TAC	GAGI	CAC:	rTG:	rgc:	rtg'	TTG	GGT	GAA	AGA.	AAT	ATG	CAC	CTA	AGTO	TC.	AGT	rgt:	ГT	420
121	TCCG	TGT:	rtti	rcgo	CG	rgr	בכבי	rtg'	TAA'	rgg'	TCA'	rgt:	rtg:	rgT:	TTT	CTTC	TG	STT	AAA	CT	480

Figure 5

1	1 GGAGGAGATCACCAGTTCCACCAACACGTCGTCGTAATGAGACACGGCGATCGGATAGACACGTCGTCGTAATGAGACACGGCGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATAGACACGCCGATCGGATCGGATAGACACGCCGATCGGATCGGATCGGATCGGATAGACACGCCGATCGATC														60						
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361	AAGC																				420
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421	TTGA	ATC.	AAC.	ATT	CCC	AGT	TGG	GAC	GGT	'GGA	TCA	TAG	TGT	GGA	ACC	ACI	CTA	AAT	AGA	GA	480
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481	TGCC	AAA	ATG	GGA.	AGA:	GAC.	AGT	'CAA	TGG	CGC	AAG	GGC	CAG.	ATA	TGA	AGA	GGT	'TAT	TÇA	GG	540
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Figure 6

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301	ΑT	CAG	GAT	'GGA	ACG	TAA	TCI	'GGC	AGC	CAC	AGC	TAC	GGG	CAA	ATG	TGG	TAT	TGC	AAT	GGAA	360
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61	TAC	CTC	CGC	TAP	ACC	TCA	TTC	3GG	CCT.	rtge	GAA	race	TGG	CAF	GAC	CAC	CAC	TGC	TTA	AGA	720
721	AC	ATTO	FTGI	CAI	CTP	ATAC	'AG'	rga.	\AG	1AA7	ACG	AGG	ATG	AAA	LAGI	TGI	ATC	AGC	CAG	GGC	780
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Figure 7

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Figure 8

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ACCTCCATTA TITIAGCCAC CICTCTTGTA AAAAAGATTA CAAACAAATT ACTCCTATCA TTATTATAA AATAGTAGCA TAACCTCATC TCCAATCCAC	1501
AGAGIGAATA AAGGICAIGG ICACCIACIT ACCCAACIGC ACAAAACACA CAAGCACA ICCAAAAGIA GIAGIAIGAI TACACACAIT IGAAAAAIG	1401
AATACTGTGA TICCTTTTCT TCGAAGCGAA ATFCCTTCCT TCCAAACAC TTAACAAATG TAAAATTCGT TAGTAAGATT AAATTTGAAA TGATAACACA	1301
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CCAATATCAA TCFFFTCTTA AITGCTTCAF AAAGGGTGTF TFFGTAATTA AAAGAAAGAT AAGGAAATTF AGCAAGAAGT GCAFTAFTGG GACTGGTATA	101
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Figure 9

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   61 AGCTTTTGATCATATAAATCGAAACCAACACACAATAATTATGAATTTCTTTGACTCTTT 120
  121 GTCTCTGTACCAAAATACGCACCACAAAAAATTCTTTTTGTATTATATTCGTTTTTTA 180
  241 CTCCAAAAACTTATGACATTGTGATTACACATTTGAATGACAGAAGTTTTTGATGAAGTG 300
  361 AAGGAAATTTAGCAAGAAGTGCATTATTGGGACTGGTATATATGACAAGGATCTGACGTG 420
  421 GCAAAGAAAGTGGGTCCTGAGTCAGGTGTGTCCCATCTGTCAATATTCTTCAAAAG 480
481 AGAGTCCACCATCTCATAGATGAGATTTAGAAAGTGGTTTCCACAAAAAAATATGACACA 540
  601 AAGATAATAACCTATTAGTGTCTTTAACACCGGCCTAACTTTGCATTTCTTGTCATTT 660
 661 GGTGACTTTTTATTGCCCAATTGTGGCTTGAAGGAAATAAAAAGGAAAGTCTTTTTCTTG 720
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 841 TATATGCATCAATGTCACAGAAAACGTAACTCACGAACACATTTCGTAACATGC 900
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 951 GCATTAGCTCGTGACAAGAACAAAACGTGGATTCCCAACCTAAAGAAGGGTATATCTTT 1020
1021 TATTCATATATCTACTTTTGATATGACCTTAAACCTTGTGTCACCCACAATGTTCAGTACG 1080
1081 ATCGATAATTGTTTGACTTGTGGGGATGAGAAATGTATGAGACTGGCCATTAGTTTTA 1140
1141 GCCGGATGTGATTTGGGTATATTGATGACAATATAAGATATAAAACTTGAACAAAACA 1200
1201 ATTTCTCAACAAATTAAACTACAAGATAATCTCCCTTCAGATGATAAACTAAATGGTAGA 1260
1261 ATATCCGTTGAGTACCCCCAATAATTTAAAATCTCCAGCAAATACTGTGATTCCTTTTCT 1320
1321 TCGAAGCGAAATTCCTTCCAAACACCTTAACAAATGTAAAATTCGTTAGTAAGATT 1380
1381 AAATTTGAAATGATAACACAAGAGTGAATAAAGGTCATGGTCACCTACTTACCCAACTGC 1440
1441 ACAAAACACACAAGCACACCCAAAAGTAGTATGATTACACACATTTGAAAAAATG 1500
1621 GCCAAACATGCTAAAAGCTTCTTGTATTCAGTGAAAATGTGGTGTCAAAATCCCAAGATTC 1680
1741 ATCAACTTGAGGGCTTTAGGACCTC<u>TATA</u>TAAACCTCTCTCAATTGATCATCTCTG<u>C</u>ATC 1800
1801 ACACTCTCAAGCATTCTTTCTCTCTACTTTCTTTTAGGTCAACTACACTTCCCTTTGAGT 1860
1861 TTCCAATGGCCACTGTTGAGGTAAATCAAGTGATATATACATAAATTTTATTTGAAAGAT 1920
        MATVE
1921 GATTGATTCAAAGAGCCCTTTTGTGTTTTCTTTAATAAGATCCATGTATATGAAGTTT 1980
1981 TAATGTTTCATGTTTTTTTTTTTTTTTTTTTTTTTTAATTTTAGGCATTTTTGCAAT 2040
2041 ATCCCATTTGTGAAAAGATCTGTTTTCCTTTGGAAGAGTTAGAATTCGTTTCGTGTCGA 2100
2101 TTCATCATGAAAATCAATCTGGGTCTAGCTTTAATTGTGCTGATCTTGACCGGACTGTTA 2160
2161 GATGATTCGTTTTATATGTAGGCCCAATAGAGAGTGATAGTATTCCCGAAATAATACAAA 2220
2221 TCCGAGCAACTATAATCCTCAATAGTAACTTTGTAATCTCTAAATAATCAAAAAATAAT 2280
2281 GCTTATTGGGGTGATTGGTGTTTGATGCAGGTTGTATCAGCGCAGACAGCATTCCAAG 2340
                             V V S A Q T A F Q E
2341 AGGAAAAAAACATGATCAAGAAGTAATTACTACAAAAGAGGAAGCTGTAGTAGTAACTG 2400
     E K K H D Q E V I T T K E E A V V V T A
2401 CACCACCACCATCAGAAACAGCAGAGCCAGCTGCAGCTGTTGTTGCCGAGGAAGAGACAA 2460
     PPPSSTASPAAAVVAEESTT
2461 CAAAGGAGCAAGAAGACCGCCAGCAGTATCGGCCGAGGAACCTGTGGCCCCAGCTGAAG 2520
     K E Q E E P P A V S A E E P V A P A E V
2521 TAGAGACAAAGGTGGAAGTTACAGAAGAACCACCAAAAGTTGAGGAGAAACCAGCAGAAG 2580
     ETKVEVTEEPPKVEEKPAEV
2551 TAGAGGAGGCTCCAAAGGAAACAGTAGAAACAGAACCAGCTGTTGAGAAGACCATCAAGG 2640
```

Figure 10 a

2641	AGG	AA	AC3	GT.	AGA	.GGA	CTC	TGT	CGT	GGC	ACC	TGC	TCC	CGA	ACC	GGA	AGC	CGP	AGT	ccc	:AA	2700
	E		ŗ	V	E	Ð	s	V	V	$\mathbf{A}^{\cdot}$	P	A	p	E	Þ	E	Α	E	V	P	K	
2701	AAG	AGA	AC	GT.	AAT	TGC	TAC'	TAC'	rga.	AAC	TAC	TGA	GGA	AGA	AGA	AAA	AGT	'GGC	AGI	TGA	AG	2760
	E	ř	(	V	I	A	T	T	Ξ	T	T	E	E	Ε	E	K	V	A	V	E	Ε	
2761	AAG	TTO	ΆA	GT	GAA	AGT'	TGA.	AAC!	AGA	GGA	GGG.	AGA	AGT'	TAC'	rga	GGA	GAA	.GAC	TGA	GTA	AA	2820
	V	E	:	V	K	V	Ξ	T	E	E	G	E	V	T	E	E	ĸ	T	E	*		
2821	ATA	AGI	TG	TA	CAA	CTA'	rtt:	rato	<b>FCA</b>	CGC	CTT.	ATT'	TTC'	TCA!	TTA	GGA.	AGT	TTA	TAA	TGT	AG	2880
2881	TGG	GCI	TT	TG	ATE	ATA'	TTT	<b>GG</b> G	GT'	TTA.	ATA	AGT	GGT'	TTA	AGT	GGG'	TTA	AGG	CTT	TTT	TG	2940
2941	GAA'	TTI	'AG	ATA	LTT'	TGG	TA	<b>AAG</b> (	GC.	rac'	rtg.	AAC	AAA	ACA!	rag.	AAA'	TTT	GGC	ACA	CAT	GG	3000
3001	GTA	AAA	GT	CAZ	AAC'	rtt	GTTC	GAGC	TAE	GTT"	rtc	TTG'	rtg	GTT?	AAA'	TGT(	GTG	TGC	CAA	GTA	GT	3060
3061	AGA	ATG	TG	GTO	GT'	rgt:	LATO	TAF	GT:	CTC	CAAC	GTA(	GG:	r <b>tt</b> t	\TG	AGT	CCT.	AGT.	ATT.	ATG	CT	3120
3121	TGA:	TTG	TA	TG?	TG	ATA	[GA]	LAA	GG	GG:	rato	GTT(	GC:	TTT	AA:	CAA	AAG'	TTT'	TTA	ATT'	ΤT	3180
3181	ATA:	ΓAΑ	TA	AGI	GT	ATT	TTC	TTI	'AA'	CATO	CAT	rcT:	TC	TTC	TC	rcg	JAT(	CAA	CTA	CTG	TΑ	3240
3241	CAT	CGC	CT	TGO	TA	AGC1	TATT	GCC	TC	ACC!	AC:	rago	CTA	TCC	AA	CGCC	GAG	CCC				3292

Figure 10b